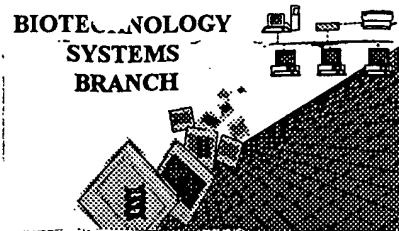


## **RAW SEQUENCE LISTING** **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/083,861  
Source: O/P  
Date Processed by STIC: 5/20/2002

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

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**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
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Revised 01/29/2002



OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/083,861

DATE: 05/20/2002  
TIME: 14:07:01

Input Set : A:\pto.vsk.txt  
Output Set: N:\CRF3\05202002\J083861.raw

Does Not Comply  
Corrected Diskette Needed

3 <110> APPLICANT: Mahato, Ram I.  
4 Han, Sang-Oh  
5 Fergeson, Darin Y.  
7 <120> TITLE OF INVENTION: A Novel Cationic Lipopolymer as Biocompatible Gene Delivery Agent  
9 <130> FILE REFERENCE: T8948.CIP  
11 <140> CURRENT APPLICATION NUMBER: US 10/083,861  
13 <141> CURRENT FILING DATE: 2002-04-03  
15 <150> PRIOR APPLICATION NUMBER: US 09/662,511  
17 <151> PRIOR FILING DATE: 2000-09-14  
19 <160> NUMBER OF SEQ ID NOS: 6  
21 <170> SOFTWARE: WordPerfect 8.0

Please consult  
Sequence Rules for  
valid format.

# ERRORED SEQUENCES

(global errors)

23 <210> SEQ ID NO: 1  
25 <211> LENGTH: 21  
E--> 27 <212> TYPE: Nucleic acid invalid - the only valid responses for a nucleotide sequence are: DNA or RNA  
29 <213> ORGANISM: Artificial Sequence  
W--> 31 <220> FEATURE: mandatory numeric identifier whenever  
31 <223> OTHER INFORMATION: PCR primer  
E--> 33 <400> SEQUENCE: 1  
35 GTC TCC CAA GGT CAG CGT TCG 21  
37 <210> SEQ ID NO: 2  
39 <211> LENGTH: 21  
E--> 41 <212> TYPE: Nucleic acid  
43 <213> ORGANISM: Artificial Sequence  
W--> 45 <220> FEATURE: use  
45 <223> OTHER INFORMATION: PCR primer  
OK--> 48 <400> SEQUENCE: 2 lower-case letters for bases  
50 CTG GTT TGG TCC CGT GTG ATG 21  
52 <210> SEQ ID NO: 3  
54 <211> LENGTH: 21  
E--> 56 <212> TYPE: Nucleic acid  
58 <213> ORGANISM: Artificial Sequence  
W--> 60 <220> FEATURE:  
60 <223> OTHER INFORMATION: PCR primer  
OK--> 62 <400> SEQUENCE: 3  
64 ATG GTG GGA ATG GGT CAG AAG 21  
66 <210> SEQ ID NO: 4  
68 <211> LENGTH: 21  
E--> 70 <212> TYPE: Nucleic acid  
72 <213> ORGANISM: Artificial Sequence

(for a combined DNA/RNA sequence, use DNA)

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/083,861

DATE: 05/20/2002  
TIME: 14:07:01

Input Set : A:\pto.vsk.txt  
Output Set: N:\CRF3\05202002\J083861.raw

W--> 74 <220> FEATURE:  
74 <223> OTHER INFORMATION: PCR primer  
E--> 76 <400> SEQUENCE: 4  
78 CAC GCA GCT CAT TGT AGA AGG 21  
80 <210> SEQ ID NO: 5  
82 <211> LENGTH: 18  
E--> 84 <212> TYPE: Nucleic acid  
86 <213> ORGANISM: Artificial Sequence  
W--> 88 <220> FEATURE:  
88 <223> OTHER INFORMATION: PCR primer  
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92 GCC AAT AGG GAC TTT CCA 18  
94 <210> SEQ ID NO: 6  
96 <211> LENGTH: 21  
E--> 98 <212> TYPE: Nucleic acid  
100 <213> ORGANISM: Artificial Sequence  
W--> 102 <220> FEATURE:  
102 <223> OTHER INFORMATION: PCR primer  
E--> 104 <400> SEQUENCE: 6  
106 GGT CAT GTA CTG GGC ATA ATG 21

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/083,861

DATE: 05/20/2002

TIME: 14:07:02

Input Set : A:\pto.vsk.txt

Output Set: N:\CRF3\05202002\J083861.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:27 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:  
L:31 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:1  
L:33 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:1  
L:41 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:  
L:45 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:2  
L:48 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:2  
L:56 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:  
L:60 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:3  
L:62 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:3  
L:70 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:  
L:74 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:4  
L:76 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:4  
L:84 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:  
L:88 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:5  
L:90 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:5  
L:98 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:  
L:102 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6  
L:104 M:200 E: Mandatory Header Field missing, <220> not found for SEQ ID#:6